

**METHOD AND APPARATUS FOR LOCATING
AN AXLE TORQUE PLATE**

ABSTRACT OF THE DISCLOSURE

A trailer axle assembly includes a non-rotating axle tube that extends laterally between a pair of wheel ends. Each wheel end supports a disc brake assembly that selectively generates a braking force to slow or stop rotation of the wheel ends. The disc brake assemblies include a torque plate that is mounted to the axle tube. The axle tube includes a radial location feature that holds the torque plate fixed relative to the axle tube so that rotational brake torque is transmitted directly through a solid interface. The axle tube also includes an axial location feature that positions the torque plate at a predetermined location along the axle beam and prevents relative axial movement between the axle beam and the torque plate.

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